

549,520

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 September 2004 (30.09.2004)

PCT

(10) International Publication Number
WO 2004/083259 A2

(51) International Patent Classification⁷:

C08F

(21) International Application Number:

PCT/US2004/008593

(22) International Filing Date: 18 March 2004 (18.03.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/456,148

18 March 2003 (18.03.2003) US

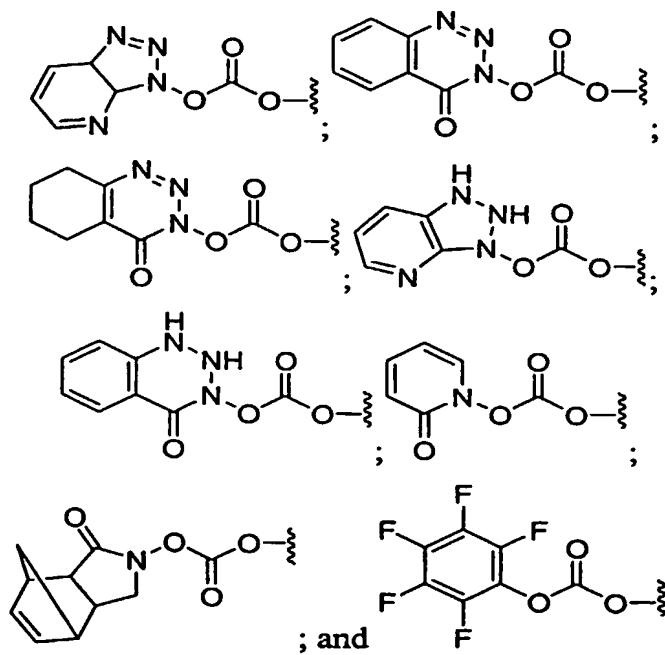
(71) Applicant (for all designated States except US): NEOSE TECHNOLOGIES INC. [US/US]; 102 Witmer Road, Horsham, PA 19044 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DEFREES, Shawn [US/US]; 126 Filly Drive, North Wales, PA 19454 (US). ZOPF, David, A. [US/US]; 560 W. Beechtree Lane, Wayne, PA 19087 (US). BOWE, Caryn [US/US]; 276 Cherry Lane, Doylestown, PA 18901 (US).

(74) Agent: MORGAN, LEWIS & BOCKIUS, LLP; 2 Palo Alto Square, 3000 El Camino Real, Suite 900, Palo Alto, CA 94306 (US).

(54) Title: ACTIVATED FORMS OF WATER-SOLUBLE POLYMERS



(57) Abstract: The present invention provides compositions of activated water-soluble polymers for preparing water-soluble polymer-modified peptides. Exemplary compounds of the invention include water-soluble polymers covalently attached to activated leaving groups wherein the water-soluble polymer is a member selected from PEG, PPG, PEG derivatives, and PPG derivatives, and the activated leaving group is a member selected from (formula I).

WO 2004/083259 A2